

CLAIM AMENDMENTS

1        1. (Original) A sand screen for use in production of hydrocarbons from wells,  
2 comprising an intelligent completions device disposed in the sand screen.

1        2. (Original) The sand screen of claim 1, wherein the intelligent completions device  
2 comprises a sensor.

1        3. (Original) The sand screen of claim 1, wherein the intelligent completions device  
2 comprises a temperature sensor.

1        4. (Original) The sand screen of claim 1, wherein the intelligent completions device  
2 comprises a pressure sensor.

1        5. (Original) The sand screen of claim 1, wherein the intelligent completions device  
2 comprises a flow rate measurement device.

1        6. (Original) The sand screen of claim 1, wherein the intelligent completions device  
2 comprises a oil/water/gas ratio measurement device.

1        7. (Original) The sand screen of claim 1, wherein the intelligent completions device  
2 comprises a scale detector.

1        8. (Original) The sand screen of claim 1, wherein the intelligent completions device  
2 comprises a sand detection device.

1           9. (Original) A gravel pack system, comprising:  
2            a sand screen; and  
3            an intelligent completions device disposed within the sand screen.

1           10. (Original) The gravel pack system of claim 9, wherein the intelligent completions  
2           device comprises a sensor.

1           11. (Original) The gravel pack system of claim 9, wherein the intelligent completions  
2           device comprises a temperature sensor.

1           12. (Original) The gravel pack system of claim 9, wherein the intelligent completions  
2           device comprises a pressure sensor.

1           13. (Original) The gravel pack system of claim 9, wherein the intelligent completions  
2           device is selected from a flow rate measurement device, an oil/water/gas ratio measurement  
3           device, a scale detector, and a sand detection device.

1           14. (Currently Amended) A The gravel pack system of claim 9, further comprising:  
2            a sand screen;  
3            an intelligent completions device disposed within the sand screen; and  
4            a fiber optic cable.

1           15. (Original) The gravel pack system of claim 9, further comprising a control line  
2           connected to the intelligent completions device.

1           16. (Original) The gravel pack system of claim 15, wherein the control line is selected  
2           from an electric line and a fiber optic line.

1           17. (Original) The gravel pack system of claim 9, further comprising a control line  
2 extending from the surface to the intelligent completions device.

1           18. (Original) A method for placing a gravel pack around a completion, comprising:  
2                   gathering data from an intelligent completions device disposed in a sand screen of  
3 the completion; and  
4                   flowing a gravel slurry into the assembly wherein a gravel is deposited between  
5 the sand screen and a formation.

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1           19. (Original) The method of claim 18, wherein the intelligent completions device is a  
2 sensor.

1           20. (Original) A method of monitoring a well characteristic of a well, comprising:  
2                   running a control line to an intelligent completions device disposed in a sand  
3 screen;  
4                   running the sand screen into the well; and  
5                   sending a signal through the control line.

1           21. (Original) The method of claim 20, wherein the intelligent completions device is a  
2 sensor.

1           22. (Cancelled)

1           23. (Cancelled)

1           25. (Original) The method of claim 24, further comprising performing the running  
2       step at substantially the same time as the extending step.

1                   26. (Original) The method of claim 24, further comprising performing the running  
2 step before the extending step.

1           27. (Previously Presented) A well completion, comprising:  
2            a sand screen;  
3            an intelligent device disposed within the sand screen; and  
4            a service string adapted to perform sand-control pumping and circulation  
5           operations.

1                   28. (Previously Presented) The gravel pack system of claim 9, further comprising an  
2 assembly to perform a gravel pack operation.

1           29. (Previously Presented) The method of claim 20, further comprising performing  
2 sand-control pumping and circulation operations.